

CLAIMS

1. A speaker system which transmits sound to a listening area by reflection, the speaker system including at least one speaker enclosure comprising an enclosure housing, at least one speaker and a device for reflecting sound into the listening area.
2. A speaker system as claimed in claim 1, wherein the device comprises a reflective horn.
3. A speaker system as claimed in claim 2, wherein the reflective horn includes a rear reflecting panel facing the at least one speaker at an angle.
4. A speaker system as claimed in claim 3, wherein the angle at which the rear reflecting panel faces the at least one speaker is 20° to 60°.
5. A speaker system as claimed in claim 3, wherein the angle at which the rear reflecting panel faces the at least one speaker is approximately 40°.
6. A speaker system as claimed in any one of claims 3 to 5, wherein the at least one speaker is tilted relative to the rear reflecting panel at an angle.
7. A speaker system as claimed in claim 6, wherein the angle at which the at least one speaker is inclined relative to the rear reflecting panel is 0° to 60°.
8. A speaker system as claimed in claim 6, wherein when the at least one speaker is at a height of 1m to 1.5m above the floor, the angle at which the at least one speaker is tilted relative to the rear reflecting panel is 0°.
9. A speaker system as claimed in claim 6, wherein the angle at which the at least one speaker is tilted relative to the rear reflecting panel is greater than 0° when the at least one speaker is above 1.5m or below 1m.
10. A speaker system as claimed in claim 6, wherein when the at least one speaker enclosure rests on the floor, the angle at which the at least one speaker enclosure is tilted relative to the rear reflecting panel is approximately 30°.
11. A speaker system as claimed in any one of claims 2 to 10, wherein the reflective horn also includes a baffle panel.
12. A speaker system as claimed in claim 11, wherein the at least one speaker includes at least one transducer located on the baffle panel.
13. A speaker system as claimed in any one of claims 2 to 12, wherein the reflective horn also includes a top reflecting panel.

14. A speaker system as claimed in any one of claims 3 to 12, wherein the reflective horn includes a top reflecting panel connected to the rear reflecting panel at 50° to 150°.

15. A speaker system as claimed in any one of claims 2 to 14, wherein the reflective horn also includes a bottom reflecting panel.

16. A speaker system as claimed in any one of claims 3 to 12 or 14, wherein the bottom reflecting panel is connected to the rear reflecting panel at 50° to 150°.

17. A speaker system as claimed in any one of claims 2 to 16, wherein a substantial portion of the sound generated by the at least one speaker exits the reflective horn from one side of the at least one speaker enclosure.

18. A speaker system as claimed in any one of claims 2 to 17, wherein the reflective horn also includes a side reflecting panel

19. A speaker system as claimed in any one of claims 2 to 18, wherein the reflective horn is constructed of timber, plastic or metal or any other suitable reflective material.

20. A speaker system as claimed in any one of claims 2 to 19, wherein the panels of the reflective horn may be curved or shaped in various ways for either acoustic or ornamental purposes.

21. A speaker system as claimed in any one of the preceding claims, wherein the speaker system comprises two speaker enclosures; a right-channel speaker enclosure and a left-channel speaker enclosure.

22. A speaker system as claimed in claim 21, wherein the right and left channel speaker enclosures are separated by a distance of 1m to 10m.

23. A speaker system as claimed in claim 2, wherein the reflective horn includes a rear reflecting panel directly facing the at least one speaker.

24. A speaker system as claimed in claim 23, wherein the at least one speaker is tilted relative to the rear reflecting panel at an angle.

25. A speaker system as claimed in either claims 23 or 24, wherein the reflective horn also includes a top reflecting panel above the top of the enclosure, leaving a space for a substantial portion of the sound to exit the reflective horn.

26. A speaker system as claimed in any one of claims 23 to 25, wherein the reflective horn also includes two side reflecting panels.

27. A speaker enclosure as defined by any of the preceding claims.

28. A speaker system substantially as herein described with reference to the accompanying drawings.